

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2004/050440

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: B65D 35/38, 35/40, 85/72, 47/06, 47/30; B67D 3/00; A61J 1/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC: A61J; B65D 35/-, 85/72, 47/-, 51/-; B67D 3/-, 5/- 7 Keywords: tooth, teeth, ratchet, uni-direction, one way, pawl, rotate, twist, turn, swivel, revolve

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6164494 A (MARELLI) 26 December 2000 Column 3 line 25 - column 4 line 13	
A	GB 2286384 A (SOMERFIELD) 16 August 1995 Page 2 column 1 line 50- column 2 line 23	
A	US 5381934 A (UEBEREGGER) 17 January 1995 Whole document	
A	US 4749103 A (BARRIAC) 7 June 1988 Whole document	

☐ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 7 June 2004	Date of mailing of the international search report 11 JUN 2004
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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	6164494	BR	0002898	EP	1065477	IT	MI991448
GB	2286384	NONE					
US	5381934	EP	0591487	WO	9322213		
US	4749103	NONE					

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX